

ABSTRACT OF THE DISCLOSURE:

[0069] In vibration suppression apparatus and method for a hybrid vehicle, the hybrid vehicle comprises at least one main power source, a
5 plurality of auxiliary power sources, and a planetary gear mechanism to modify a gear ratio when an output of the main power source is transmitted to a drive output member and two power sources whose torque controls are enabled to be performed are selected and
10 a vibration suppression control signal is superposed onto each of torque commands supplied to the selected two power sources to suppress two-degrees-of-freedom vibrations of the planetary gear mechanism.

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